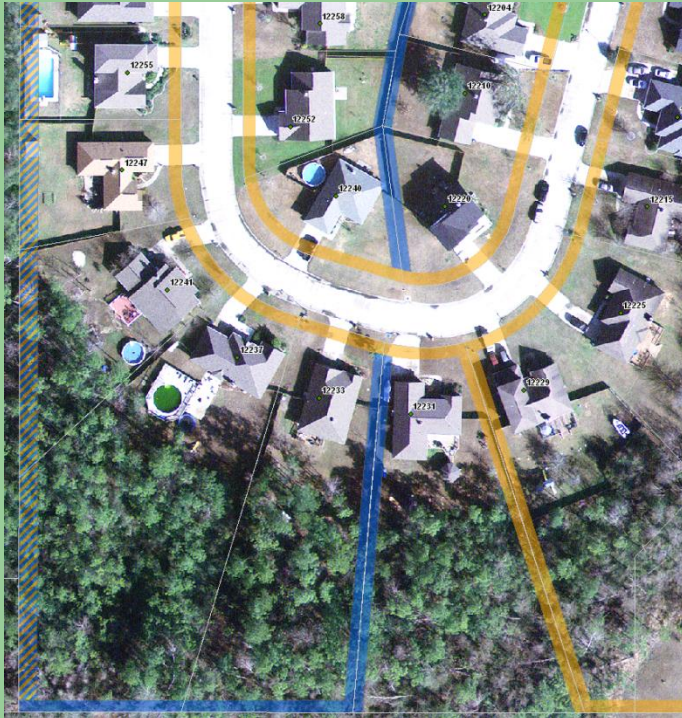




Gulfport GIS Committee



June 4, 2008

Introduction

- Organization
 - Personnel
 - Software
- Data Catalog
 - Data Sources
 - Imagery Data Sets
- Projects
 - Recent
 - Current
 - GPS
 - Future Developments

Organization

- Personnel
 - 2 GIS Analysts, 1 Sr GIS Analyst, *1 part time Summer Intern (completing GIS Certification through Gulfport High School)*
- Software
 - ArcGIS 9.2.3, IMS, SDE, ArcPad, ArcExplorer *Upgraded May 2008*
 - Almost 50 full 9.1 installations – General Admin, Urban Development, Public Works, Police
 - Using ArcExplorer – Fire, General Admin, General Finance, Water *ArcExplorer to be phased out and upgraded to ArcMap 9.2.3 soon*
 - Gulfport On-Line Atlas (GOLA) *Upgraded February 2008*
 - Hurrevac – Hurricane Tracking and Evacuation Timing

Data Catalog

- Federal Agencies - FEMA, U.S. Census, NWI, USGS
 - DFIRM, BFE, Census, Wetlands, LIDAR
- State and County - Harrison Co. Tax Assessor, MDEQ
 - Parcels, Lots, Environmental Models, Imagery,
 - *New Digital Planimetric Maps Due October 2008*
- In House - Division of GIS
 - Street Centerline, Address Points, Zoning, Water, Sewer, Drainage, Hydrology, Impervious Surfaces, Edge of Pavement, Building Footprints, Police Districts, Fire Response Zones, Voting Precincts, School Districts, Political Boundaries, and Much More

Imagery

- 6" Color Ortho February 2007
 - Primary imagery set used
- 2' Color Ortho March 2007
 - Spatially inexact by 3'
- 6" B&W Ortho Dec 2001
 - Many data sets developed from (i.e. Building Footprints and Edge of Pavement)
- 2" Color Ortho March 2006
 - Port and Harbor Only


Recent Projects

- For Police
 - Crimeview Historical Trends
 - E-911 Intrado address updates for Dispatch
- For City Clerk
 - Voter Address Ranges by precinct
- For Urban Development
 - Population Density study by zoning
 - Housing Starts and tracking
 - Historic Properties MDAH

Recent Projects (continued)


- For Water Department
 - Created Route Books from accounts
 - Tied account addresses to Parcels
- For Public Works
 - Developed 9.2 SDE Database Schema for City Works
- For All
 - Data maintenance of Addresses, Streets, Parcels, Smart Code, Subdivisions, and Zoning
 - Scheduled ArcMap training with MGCCC


Gulfport On-Line Atlas



The City of Gulfport
Mississippi

Gulfport Online Atlas : **GOLA**





Groups

- ☒ All Layers
- ☒ Base Info
 - ☐ Addresses
 - ☐ Airport
 - ☐ Buildings
 - ☒ Streets
 - ☐ Tax Parcels
 - ☐ Sixteenth Section
 - ☐ Zoning
- ☒ Gulfport Services
 - ☐ Watershed
 - ☐ Schools
 - ☐ Voting

Refresh Map

☒ Auto Refresh

[HELP](#)


[About...](#)

Search For:

In
Addresses
FIND IT

Map Created with Gulfport On-Line Atlas on Jan 8, 2008 Contact: GIS@ci.gulfport.ms.us

0 17104ft



GOLA - Gulfport On-Line Atlas

- Allows anyone with an internet connection to browse GIS data with only a browser
- New Tools
 - Buffer, Full Extent, Print from Table
- New Information
 - Elevation, NRCS Soil, DFIRM, Riverine and Coastal BFE's
- *Went online February 2008*

Current Projects

- For Urban Development
 - Data and Mapping Standards for Zoning and Community Plans
- For Water Department
 - Train and support GPS tracking of new meters
- For Public Works
 - QA/QC of sewer geometric network
 - GPS data collection for drainage (GCT)
 - Creation of a complex drainage model

GPS Projects

- Field collection is underway of Drainage system for Public Works (GCT).
- Southwest to begin marking all new meters being installed. This will help complete the water network.
- Both will be incorporated into Cityworks



Cityworks

- Public Works' GIS-based Asset Maintenance Management System
- Manages infrastructure with tools for creating and tracking maintenance activities associated to assets and/or addresses



Future Developments

- Enterprise License Agreement (ELA) *This Week*
 - ArcGIS Desktop
 - ArcView, ArcEditor, ArcInfo
 - All extensions
- Unlimited licenses for every department
- Unlike Microsoft Office not everyone will need ArcMap, but it will be available to everyone that does at no further cost.

Future Developments (continued)

- Departments that use third party softwares (like Crimeview and Cityworks) that require an ArcMap license for their mapping component will no longer be required to pay this extra expense per seat.

Available through IT – GIS cannot install software

Future Developments (continued)

The Division of GIS looks forward to moving to our permanent office in the Jones Building. The added area will be used to increase accessibility to the public as well as other departments. Hardcopy storage will also be expanded potentially increasing the speed of product delivery. The Division of GIS also hopes to add a new entry-level technician position in the fall to alleviate some of the data maintenance workload on the analysts and provide the most current data possible.

Thank you!



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